

OPTICAL CAP FOR SEMICONDUCTOR DEVICE

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ABSTRACT OF THE DISCLOSURE

An optical cap for semiconductor device, the cap comprising: a metal cap body having an opening and a transparent optical window sealed with the metal cap body to cover the opening by means of a sealing member. The sealing member includes a bismuth low-melting point glass containing no lead, an intermediate metal layer attached to the metal cap body, the intermediate metal layer being a metal capable of causing a eutectic reaction with respect to Bi contained in the low-melting point glass, and an eutectic alloy layer thus formed between the low-melting point glass and the intermediate metal layer.